

CLAIMS

1. A polyarylene sulfide resin having an index of coupling reactivity at 320°C of 2.0 or less, the amount of SO₂ generated from the resin at 300°C being 0.02 mg/g or less.

2. A process for producing a polyarylene sulfide resin according to claim 1, the process comprising polymerizing a polyfunctional halogenated aromatic compound with lithium sulfide in a non-protonic organic solvent.

3. A process for producing a polyarylene sulfide resin according to claim 2, the process further comprising washing the polymer in a molten state after the polymerization.

4. A process for producing a polyarylene sulfide according to claim 3, the process further comprising adding a silane based coupling agent to the washed polymer and melt-kneading the mixture.

5. A polyarylene sulfide resin composition comprising a polyarylene sulfide resin according to claim 1 and an inorganic filler.

6. A polyarylene sulfide resin composition according to claim 5, the composition further comprising a silane based coupling agent.

7. A process for producing a polyarylene sulfide resin composition according to claim 6, the process comprising: blending a polyarylene sulfide resin according to claim

1 with an inorganic filler;

melt-kneading the mixture; and

adding a silane based coupling agent at the time of the
melt-kneading.